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United States Patent [19]**Kohus**[11] **Patent Number:** **5,241,716**[45] **Date of Patent:** **Sep. 7, 1993****[54] FOLDABLE PLAY YARD HAVING
MESHING HINGE GEAR FRAME LOCKS**[75] **Inventor:** **Louis M. Kohus, Cincinnati, Ohio**[73] **Assignee:** **Baby Trend, Inc., Pomona, Calif.**[21] **Appl. No.:** **957,692**[22] **Filed:** **Oct. 7, 1992**[51] **Int. Cl.⁵** **A47D 13/06**[52] **U.S. Cl.** **5/99.1; 5/98.1;
16/354**[58] **Field of Search** **5/99.1, 98.1, 93.1;
16/354, 366, 349****[56] References Cited****U.S. PATENT DOCUMENTS**

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Primary Examiner—Peter M. Cuomo*Assistant Examiner*—Flemming Saether*Attorney, Agent, or Firm*—Charles R. Wilson**[57] ABSTRACT**

A portable play yard comprises a frame assembly and a fabric enclosure. The frame assembly comprises lower and upper corner rail connecting members, vertical corner rails, a pair of pivotally connected floor support rails between each set of lower corner rail connecting members, and a pair of pivotally connected upper side rail members between each set of upper corner rail connecting members. A frame lock is mounted on ends of the upper side rails to hold the side rails in a straight in-line mode or, upon rotation, allows the side rails to pivot downwardly. Meshing hinge gears in each frame lock form a single pivot point for the two upper side rail ends held by the frame lock. The frame assembly is folded to a compact unit by initially rotating the frame locks and then folding the assembly. The frame assembly is capable of holding the fabric enclosure so as to provide a play yard.

10 Claims, 6 Drawing Sheets